# ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

**GENERAL INFORMATION:** See Location Sketch

RAILROAD	Grand Trunk Western Railroad, Inc.
USDOT#, MILEPOST	283 157L, 18.05-M
STREET, CITY, COUNTY	123 <sup>rd</sup> Street, City of Blue Island, Cook County
JURISDICTION (RDWY)	City of Blue Island
LOCATION	Urban, Open Space
STREET SURFACE	2-Lane, 2-Way, 30 Foot Width, Asphalt Roadway

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
West Main (13.9' c-c)	Full Depth Timber	41 Feet	Fair
East Main	Full Depth Timber	41 Feet	Fair

**ROADWAY DATA:** See Location Sketch

INTERSECTING ROADS:	None		
TRAFFIC CONTROL	None		
ADT & SPEED	5,000 Vehicles Per Day (2002) @ 30 MPH (Not Posted)		
TRAFFIC TYPE	Passenger Vehicles with Possible School Busses, Hazardous Materials and Emergency Response		
ADVANCE WARNING	East and West		
PAVEMENT MARKING	RXR and Stop Lines		

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	16 Per day @ 50 MPH, 0 Switch Movements, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbucks, Automatic Flashing Light Signals And Gates,
	Bells, "2 Tracks" Signs (R15-2)

**NOTES:** 

# VISIBILITY STUDY: See Location Sketch

Train Speed	50	MPH	
Roadway Speed	30	MPH	
Required Stopping Sight Distance (SSD)			•
Along Roadway	208	FEET	
Along Tracks	491	FEET	
Required Clearing Sight Distance (CSD)	1189	FEET	
(Along Tracks)			

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

<sup>\*</sup>Note: The installation of automatic flashing light signals and gates eliminates the need to satisfy minimum Sight Distance criteria.

# **APPROACH GRADES:** See Location Sketch

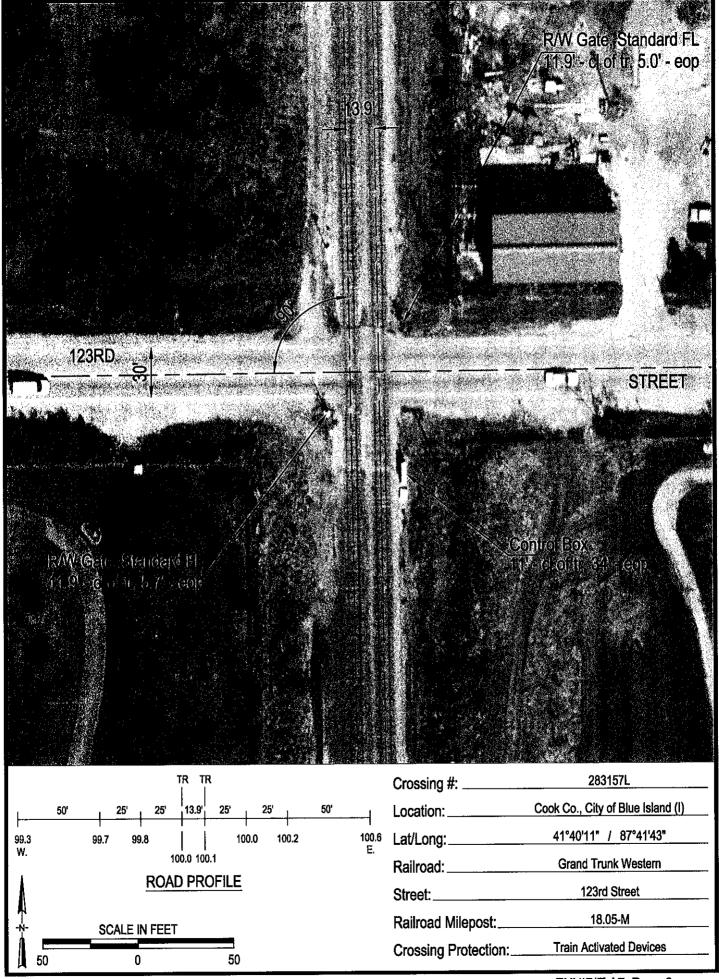
DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0		0	100.0	
25	99.8	-0.8	25	100.0	+0.0
50	99.7	-0.4	50	100.2	+0.8
100	99.3	-0.8	100	100.6	+0.8

The English Office

Distance measured from outermost rail.

# **COMMENTS:**

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.



A WHOLLY OWNED SUBSIDIARY OF

#### CANADIAN NATIONAL RAILWAY COMPANY

## HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 87th Street

Date: August 3, 2006

Nearest Station: Chicago, IL Railroad Region: Southern

Est CSB-601

Railroad Subdivision: Elsdon Railroad Milepost: 13.31 DOT Crossing No.: 283 147F

DOT Grossing No.: 283 147F Valuation Section: IL-1

Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## **MATERIAL:**

<u>Item</u>	Quantity	<u>Units</u>	<u>Unit Cost</u>	Cost
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE				
GCP4000, 2 Trk, 8120-80465-00280	1	EACH	\$23,115.00	\$ 23,115.00
Narrow Band Shunt, 62775-1543	4	EACH	\$533.00	\$ 2,132.00
PSO II Track Circuit, 7A444-F	2	EACH	\$3,257.00	\$ 6,514.00
Rectifier, NRS 15110, 20A	1	EACH	\$446.00	\$ 446.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	4	EACH	\$470.00	\$ 1,880.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH-	\$7,160.00	\$ 14,320.00
FLX-4000, 12" LED Flashing Light Assy	16	EACH	\$175.00	\$ 2,800.00
Arm, E-Z Gate, 21-42'	2	EACH	\$760.00	\$ 1,520.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	9	EACH	\$250.00	\$ 2,250.00
Battery, Ni-Cad, 340 AH	11	EACH	\$345.00	\$ 3,795.00
Foundation, S-2	2	EACH	\$410.00	\$ 820.00
Enclosure, Shunt	4	EACH	\$588.00	\$ 2,352.00
Pre-Wired Aluminum Bungalow, 6X6'	1	EACH ~	\$13,450.00	\$ 13,450.00
Wire, 2c/6, T10456	600	FEET	\$0.59	\$ 354.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$ 212.00
Cable, 5c/6, T10460	300	FEET	\$1.10	\$ 330.00
Cable, 7c/6,9c/14, T12481	300	FEET	\$3.70	\$ 1,110.00
SUBTOTAL MATERIAL				\$ 83,530.00

Exhibit BI, P1

87th Street Page 2

Chicago, IL Est CSB-601

LABOR:

SIGNAL LABOR

<u>Item</u>	Gang Days	Cost/Day	Cost
5-man Gang	10	1200.00	\$ 12,000.00
			=======
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	<u>Unit Cost</u>		<u>Cost</u>
Preliminary Engineering Construction Engineering Accounting	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00
SUBTOTAL MISCELLANEOUS LA	ABOR			\$	3,075.00
TOTAL LABOR				\$	15,075.00

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	<u>Cost</u>
Per Diem/Business Expense	1	L.S.	\$2,500.00	\$ 2,500.00
Contractor/Rented Equipment	1	L.S.	\$2,000.00	\$ 2,000.00
Power Tap	1	L.S.	\$1,500.00	\$ 1,500.00
Contract-Crossing System Wiring	1	L.S.	\$6,000.00	\$ 6,000.00
Freight on Crossing Package	1	L.S.	\$3,300.00	\$ 3,300.00
Contract Engineering	1	L.S.	\$6,000.00	\$ 6,000.00
				=======
TOTAL OTHER				\$ 21,300.00
				========
TOTAL DIRECT COSTS				\$ 119,905.00

87th Street		Page 3
Chicago, IL		Est CSB-601
FAPG ADDITIVES		
Material Material Additive ( 4.20%)	\$ 83,530.00	\$ 3,508.26
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00	\$ 10,720.80
Engineering Labor Engineering Labor Additive ( 83.29%)	\$ 2,775.00	\$ 2,311.30
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00	\$ 223.02
Other	\$ 21,300.00	
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 119,905.00	\$ 16,763.38
GRAND TOTAL FAPG BASIS		\$ 136,668.38

A WHOLLY OWNED SUBSIDIARY OF

#### CANADIAN NATIONAL RAILWAY COMPANY

## **HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE**

Roadway Name: 91st Street

Date: August 3, 2006

Nearest Station: Evergreen Park, IL

Railroad Region: Southern

Est CSB-602

Railroad Subdivision: Elsdon Railroad Milepost: 13.86 DOT Crossing No.: 283 148M

Valuation Section: IL-1

Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## MATERIAL:

<u>item</u>	Quantity	<u>Units</u>	Unit Cost	Cost
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE				
GCP4000, 4 Trk, 8140-80460-00280	1	EACH	\$33,738.00	\$ 33,738.00
Narrow Band Shunt, 62775-1543	2	EACH	\$533.00	\$ 1,066.00
PSO II Track Circuit, 7A444-F	1	EACH	\$3,257.00	\$ 3,257.00
Relay, ST, .5 Ohm, 400511	2	EACH	\$903.00	\$ 1,806.00
Rectifier, NRS 15110, 20A	1	EACH	\$446.00	\$ 446.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	2	EACH	\$470.00	\$ 940.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH	\$7,160.00	\$ 14,320.00
Arm, E-Z Gate, 16-24'	2	EACH	\$569.00	\$ 1,138.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	20	EACH	\$250.00	\$ 5,000.00
Foundation, S-2	3	EACH	\$410.00	\$ 1,230.00
Enclosure, Shunt	2	EACH	\$588.00	\$ 1,176.00
Pre-Wired Rack	1	EACH	\$2,000.00	\$ 2,000.00
Signal, CLS-20R, 3 Posn	1	EACH	\$890.00	\$ 890.00
Mast & Ladder Assembly, 1C-1W	1	EACH	\$2,847.00	\$ 2,847.00
Number Plate Assembly	1	EACH	\$150.00	\$ 150.00
Wire, 2c/6, T10456	1000	FEET	\$0.59	\$ 590.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$ 212.00
Cable, 5c/6, T10460	300	FEET	\$1.10	\$ 330.00
Cable, 7c/6,9c/14, T12481	400	FEET	\$3.70	\$ 1,480.00
				=======
SUBTOTAL MATERIAL				\$ 78,746.00

Page 2

Evergreen Park, IL

Est CSB-602

# LABOR:

# SIGNAL LABOR

<u>Item</u>	Gang Days	<u>Cost/Day</u>	<u>Cost</u>
5-man Gang	10	1200.00	\$ 12,000.00
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

# MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		<u>Cost</u>
Preliminary Engineering Construction Engineering Accounting SUBTOTAL MISCELLANEOUS LA	1 1 1 ABOR	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00 =============================
TOTAL LABOR				\$	15,075.00

# **OTHER**

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Per Diem/Business Expense Contractor/Rented Equipment Power Tap	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$2,000.00 \$1,500.00	\$ \$	2,500.00 2,000.00 1,500.00
Contract-Crossing System Wiring Freight on Crossing Package Contract Engineering	1 1 1	L.S. L.S. L.S.	\$6,000.00 \$3,300.00 \$6,000.00	\$ \$ \$	6,000.00 3,300.00 6,000.00
TOTAL OTHER				\$	21,300.00
TOTAL DIRECT COSTS				\$	115,121.00

1 1 1 H H H

91st Street		Page 3
Evergreen Park, IL	E	st CSB-602
FAPG ADDITIVES		
Material Material Additive ( 4.20%)	\$ 78,746.00 \$	3,307.33
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00 \$	10,720.80
Engineering Labor Engineering Labor Additive ( 83.29%)	\$ 2,775.00 \$	2,311.30
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00 \$	223.02
Other	\$ 21,300.00	
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 115,121.00 \$	16,562.45 =======
GRAND TOTAL FAPG BASIS	\$	131,683.45

A WHOLLY OWNED SUBSIDIARY OF

## CANADIAN NATIONAL RAILWAY COMPANY

#### HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 99th Street

Date: August 3, 2006

Nearest Station: Evergreen Park, IL

Est CSB-603

Railroad Region: Southern Railroad Subdivision: Elsdon

Railroad Milepost: 15.03

DOT Crossing No.: 283 152C

Prepared by: WCR

Valuation Section: IL-1

Description of Work: Signal work to upgrade crossing warning devices.

## **MATERIAL:**

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	<u>Cost</u>
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE				
GCP4000, 4 Trk, 8140-80460-00280	1	EACH	\$33,738.00	\$ 33,738.00
Narrow Band Shunt, 62775-1543	2	EACH	\$533.00	\$ 1,066.00
PSO II Track Circuit, 7A444-F	1	EACH	\$3,257.00	\$ 3,257.00
Relay, ST, .5 Ohm, 400511	2	EACH	\$903.00	\$ 1,806.00
Rectifier, NRS 15110, 20A	1	EACH	\$446.00	\$ 446.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	2	EACH	\$470.00	\$ 940.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH	\$7,160.00	\$ 14,320.00
Arm, E-Z Gate, 16-24'	2	EACH	\$569.00	\$ 1,138.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	20	EACH	\$250.00	\$ 5,000.00
Foundation, S-2	3	EACH	\$410.00	\$ 1,230.00
Enclosure, Shunt	2	EACH	\$588.00	\$ 1,176.00
Pre-Wired Rack	1	EACH	\$2,000.00	\$ 2,000.00
Signal, CLS-20R, 3 Posn	1	EACH	\$890.00	\$ 890.00
Mast & Ladder Assembly, 1C-1W	1	EACH	\$2,847.00	\$ 2,847.00
Number Plate Assembly	1	EACH	\$150.00	\$ 150.00
Wire, 2c/6, T10456	1000	FEET	\$0.59	\$ 590.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$ 212.00
Cable, 5c/6, T10460	300	FEET	\$1.10	\$ 330.00
Cable, 7c/6,9c/14, T12481	300	FEET	\$3.70	\$ 1,110.00
				=======
SUBTOTAL MATERIAL				\$ 78,376.00

Exhibit B3, P.1

Evergreen Park, IL

Est CSB-603

# LABOR:

# SIGNAL LABOR

<u>Item</u>	Gang Days	Cost/Day	Cost
5-man Gang	10	1200.00	\$ 12,000.00
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

## MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Preliminary Engineering Construction Engineering Accounting	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00
SUBTOTAL MISCELLANEOUS LA	ABOR			\$	3,075.00
TOTAL LABOR				\$	15.075.00

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	Cost
Per Diem/Business Expense	1	L.S.	\$2,500.00	\$ 2,500.00
Contractor/Rented Equipment	1	L.S.	\$2,000.00	\$ 2,000.00
Power Tap	1	L.S.	\$1,500.00	\$ 1,500.00
Contract-Crossing System Wiring	1	L.S.	\$6,000.00	\$ 6,000.00
Freight on Crossing Package	1	L.S.	\$3,300.00	\$ 3,300.00
Contract Engineering	1	L.S.	\$6,000.00	\$ 6,000.00
				=========
TOTAL OTHER				\$ 21,300.00
				=======
TOTAL DIRECT COSTS				\$ 114,751.00

99th Street		Page 3
Evergreen Park, IL		Est CSB-603
FAPG ADDITIVES		
Material Material Additive ( 4.20%)	\$ 78,376.00	\$ 3,291.79
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00	\$ 10,720.80
Engineering Labor Engineering Labor Additive ( 83.29%)	\$ 2,775.00	\$ 2,311.30
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00	\$ 223.02
Other	\$ 21,300.00	=======
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 114,751.00	\$ 16,546.91
GRAND TOTAL FAPG BASIS		\$ 131,297.91

A WHOLLY OWNED SUBSIDIARY OF

#### CANADIAN NATIONAL RAILWAY COMPANY

## HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 103rd Street

Date: August 3, 2006

Nearest Station: Chicago, IL Railroad Region: Southern

Est CSB-604

Railroad Subdivision: Elsdon Railroad Milepost: 15.53

DOT Crossing No.: 283 153J

Valuation Section: IL-1 Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## **MATERIAL:**

<u>Item</u>	Quantity	<u>Units</u>	<u>Unit Cost</u>		Cost
Landfill	1	LOT	\$800.00	\$	800.00
Misc. Signal Material	1	LOT	\$500.00	\$	500.00
CROSSING MATERIALS PACKAGE	<u> </u>				
GCP4000, 2 Trk, 8120-80465-00280	1	EACH	\$23,115.00	\$	23,115.00
Narrow Band Shunt, 62775-1543	4	EACH	\$533.00	\$	2,132.00
Rectifier, NRS 15110, 20A	1	EACH	\$446.00	\$	446.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$	645.00
Intelligent Current Sensor, 80271	4	EACH	\$470.00	\$	1,880.00
Battery, Ni-Cad, 250 AH	9	EACH	\$250.00	\$	2,250.00
Battery, Ni-Cad, 340 AH	11	EACH	\$345.00	\$	3,795.00
Foundation, S-2	2	EACH	\$410.00	\$	820.00
Enclosure, Shunt	4	EACH	\$588.00	\$	2,352.00
Pre-Wired Aluminum Bungalow, 6X6'	1	EACH	\$13,450.00	\$	13,450.00
Wire, 2c/6, T10456	600	FEET	\$0.59	\$	354.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$	212.00
Cable, 5c/6, T10460	400	FEET	\$1.10	\$	440.00
Cable,2c/10,6c/14,T10477	3000	FEET	\$1.01	\$	3,030.00
Cable, 7c/6,9c/14, T12481	400	FEET	\$3.70	\$	1,480.00
					========
SURTOTAL MATERIAL				œ.	57 701 00

SUBTOTAL MATERIAL

57,701.00

103rd Street Page 2

Chicago, IL Est CSB-604

LABOR:

SIGNAL LABOR

<u>Item</u>	Gang Days	Cost/Day	<u>Cost</u>
5-man Gang	10	1200.00	\$ 12,000.00
			=======
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

# MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Preliminary Engineering Construction Engineering Accounting	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00
SUBTOTAL MISCELLANEOUS LA	ABOR			\$	3,075.00
TOTAL LABOR				\$	15,075.00

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	<u>Cost</u>
Per Diem/Business Expense	1	L.S.	\$2,500.00	\$ 2,500.00
Contractor/Rented Equipment	1	L.S.	\$2,000.00	\$ 2,000.00
Power Tap	1	L.S.	\$1,500.00	\$ 1,500.00
Contract-Crossing System Wiring	1	L.S.	\$6,000.00	\$ 6,000.00
Freight on Crossing Package	1	L.S.	\$3,300.00	\$ 3,300.00
Contract Engineering	1	L.S.	\$6,000.00	\$ 6,000.00
TOTAL OTHER				\$ 21,300.00
TOTAL DIRECT COSTS				\$ 94.076.00

103rd Street	Page 3
Chicago, IL	Est CSB-604
FAPG ADDITIVES	
Material Material Additive ( 4.20%)	\$ 57,701.00 \$ 2,423.44
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00 \$ 10,720.80
Engineering Labor Engineering Labor Additive (83.29%)	\$ 2,775.00 \$ 2,311.30
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00 \$ 223.02
Other	\$ 21,300.00 =================================
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 94,076.00 \$ 15,678.56 ========
GRAND TOTAL FAPG BASIS	\$ 109,754.56

A WHOLLY OWNED SUBSIDIARY OF

#### CANADIAN NATIONAL RAILWAY COMPANY

## HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 115th Street

Date: August 4, 2006

Nearest Station: Merrionette Park, IL

Railroad Region: Southern

Est CSB-601

Railroad Subdivision: Elsdon Railroad Milepost: 17.04 DOT Crossing No.: 283 155X

Valuation Section: IL-1

Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## **MATERIAL:**

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	Cost
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE				
GCP4000, 3 Trk, 8130-80465-00280	1	EACH	\$29,770.00	\$ 29,770.00
Narrow Band Shunt, 62775-1543	4	EACH	\$533.00	\$ 2,132.00
Relay, ST, .5 Ohm, 400511	2	EACH	\$903.00	\$ 1,806.00
Rectifier, NRS 15110, 20A	2	EACH	\$446.00	\$ 892.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	4	EACH	\$470.00	\$ 1,880.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH	\$7,160.00	\$ 14,320.00
FLX-4000, 12" LED Flashing Light Assy	12	EACH	\$175.00	\$ 2,100.00
Arm, E-Z Gate, 16-32'	2	EACH	\$610.00	\$ 1,220.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	29	EACH	\$250.00	\$ 7,250.00
Foundation, S-2	2	EACH	\$410.00	\$ 820.00
Enclosure, Shunt	4	EACH	\$588.00	\$ 2,352.00
Pre-Wired Aluminum Bungalow, 6X6'	1	EACH	\$13,450.00	\$ 13,450.00
Wire, 2c/6, T10456	1000	FEET	\$0.59	\$ 590.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$ 212.00
Cable, 5c/6, T10460	500	FEET	\$1.10	\$ 550.00
Cable, 7c/6,9c/14, T12481	300	FEET	\$3.70	\$ 1,110.00
				=======
SUBTOTAL MATERIAL				\$ 86,584.00

115th Street

Page 2

Merrionette Park, IL

Est CSB-601

# LABOR:

# SIGNAL LABOR

<u>Item</u>	Gang Days	Cost/Day	<u>Cost</u>
5-man Gang	10	1200.00	\$ 12,000.00
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

# MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Preliminary Engineering Construction Engineering Accounting SUBTOTAL MISCELLANEOUS LA	1 1 1 ABOR	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00 ======== 3,075.00
TOTAL LABOR				\$	15,075.00

## <u>OTHER</u>

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Per Diem/Business Expense Contractor/Rented Equipment Power Tap Contract-Crossing System Wiring Freight on Crossing Package	1 1 1 1	L.S. L.S. L.S. L.S.	\$2,500.00 \$2,000.00 \$1,500.00 \$6,000.00 \$3,300.00	\$ \$ \$ \$	2,500.00 2,000.00 1,500.00 6,000.00 3,300.00
Contract Engineering  TOTAL OTHER	1	L.S.	\$6,000.00	\$ \$	6,000.00 ======= 21,300.00
TOTAL DIRECT COSTS				\$	122,959.00

115th Street	Page 3	
Merrionette Park, IL	Est CSB-601	
FAPG ADDITIVES		
Material	\$ 86,584.00	
Material Additive ( 4.20%)	\$ 3,636.53	
Signal Labor	\$ 12,000.00	
Signal Labor Additive ( 89.34%)	\$ 10,720.80	
Engineering Labor	\$ 2,775.00	
Engineering Labor Additive (83.29%)	\$ 2,311.30	
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00 \$ 223.02	
Accounting Labor Additive (14.3476)	φ 223.02	
Other	\$ 21,300.00 =================================	
TOTAL DIRECT COSTS	\$ 122,959.00	
TOTAL FAPG ADDITIVES	\$ 16,891.65 =======	
	——————————————————————————————————————	
GRAND TOTAL FAPG BASIS	\$ 139,850.65	

A WHOLLY OWNED SUBSIDIARY OF

## CANADIAN NATIONAL RAILWAY COMPANY

#### HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 119th Street

Date: August 4, 2006

Nearest Station: Merrionette Park, IL

Est CSB-606

Railroad Region: Southern Railroad Subdivision: Elsdon Railroad Milepost: 17.54

DOT Crossing No.: 283 156E

Valuation Section: IL-1

Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## **MATERIAL:**

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	Cost
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE	<u>.</u>			
GCP4000, 2 Trk, 8120-80465-00280	1	EACH	\$23,115.00	\$ 23,115.00
Narrow Band Shunt, 62775-1543	4	EACH	\$533.00	\$ 2,132.00
Rectifier, NRS 15110, 20A	1	EACH	\$446.00	\$ 446.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	2	EACH	\$470.00	\$ 940.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH	\$7,160.00	\$ 14,320.00
Arm, E-Z Gate, 16-24'	2	EACH	\$569.00	\$ 1,138.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	20	EACH	\$250.00	\$ 5,000.00
Foundation, S-2	2	EACH	\$410.00	\$ 820.00
Enclosure, Shunt	4	EACH	\$588.00	\$ 2,352.00
Pre-Wired Aluminum Bungalow, 6X6'	1	EACH	\$13,450.00	\$ 13,450.00
Wire, 2c/6, T10456	600	FEET	<b>\$</b> 0.59	\$ 354.00
Cable, 3c/6 TECK, T10458	100	FEET	\$2.12	\$ 212.00
Cable, 5c/6, T10460	300	FEET	\$1.10	\$ 330.00
Cable, 7c/6,9c/14, T12481	300	FEET	\$3.70	\$ 1,110.00
SUBTOTAL MATERIAL				\$ 71,849.00

119th Street Page 2

Merrionette Park, IL Est CSB-606

LABOR:

SIGNAL LABOR

<u>Item</u>	<u>Gang Days</u>	Cost/Day	<u>Cost</u>
5-man Gang	10	1200.00	\$ 12,000.00
			=======
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

# MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Preliminary Engineering Construction Engineering Accounting	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00
SUBTOTAL MISCELLANEOUS LA	ABOR			\$	3,075.00
TOTAL LABOR				\$	15,075.00

<u>Item</u>	Quantity	<u>Units</u>	<u>Unit Cost</u>	Cost
Per Diem/Business Expense	1	L.S.	\$2,500.00	\$ 2,500.00
Contractor/Rented Equipment	1	L.S.	\$2,000.00	\$ 2,000.00
Power Tap	1	L.S.	\$1,500.00	\$ 1,500.00
Contract-Crossing System Wiring	1	L.S.	\$6,000.00	\$ 6,000.00
Freight on Crossing Package	1	L.S.	\$3,300.00	\$ 3,300.00
Contract Engineering	1	L.S.	\$6,000.00	\$ 6,000.00
				=======
TOTAL OTHER				\$ 21,300.00
				=======
TOTAL DIRECT COSTS				\$ 108,224.00

119th Street		Page 3
Merrionette Park, IL		Est CSB-606
FAPG ADDITIVES		
Material Material Additive ( 4.20%)	\$ 71,849.00	\$ 3,017.66
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00	\$ 10,720.80
Engineering Labor Engineering Labor Additive ( 83.29%)	\$ 2,775.00	\$ 2,311.30
Accounting Labor Accounting Labor Additive ( 74.34%)	\$ 300.00	\$ 223.02
Other	\$ 21,300.00	
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 108,224.00	\$ 16,272.78
GRAND TOTAL FAPG BASIS		\$ 124,496.78

A WHOLLY OWNED SUBSIDIARY OF

#### CANADIAN NATIONAL RAILWAY COMPANY

## HIGHWAY/RAIL GRADE CROSSING SIGNAL ESTIMATE

Roadway Name: 123rd Street

Nearest Station: Blue Island, IL

Railroad Region: Southern

Est CSB-607

August 4, 2006

Date:

Railroad Subdivision: Elsdon Railroad Milepost: 18.05 DOT Crossing No.: 283 157L

Valuation Section: IL-1

on: IL-1

Prepared by: WCR

Description of Work: Signal work to upgrade crossing warning devices.

## MATERIAL:

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost	Cost
Landfill	1	LOT	\$800.00	\$ 800.00
Misc. Signal Material	1	LOT	\$500.00	\$ 500.00
CROSSING MATERIALS PACKAGE	<u>.</u>			
GCP4000, 3 Trk, 8130-80465-00280	1	EACH	\$29,770.00	\$ 29,770.00
Narrow Band Shunt, 62775-1543	4	EACH	\$533.00	\$ 2,132.00
PSO II Track Circuit, 7A444-F	4	EACH	\$3,257.00	\$ 13,028.00
Joint Bypass Coupler, 8A076A	8	EACH	\$170.00	\$ 1,360.00
Relay, ST, .5 Ohm, 400511	1	EACH	\$903.00	\$ 903.00
Rectifier, NRS 15110, 20A	2	EACH	\$446.00	\$ 892.00
Rectifier, NRS 18120, 40A	1	EACH	\$645.00	\$ 645.00
Intelligent Current Sensor, 80271	2	EACH	\$470.00	\$ 940.00
FLX-4000 & Gate Assembly, 2-Way	2	EACH	\$7,160.00	\$ 14,320.00
Arm, E-Z Gate, 16-32'	2	EACH	\$610.00	\$ 1,220.00
Gatekeeper, SK-1000	2	EACH	\$1,975.00	\$ 3,950.00
Bell, Electronic	1	EACH	\$235.00	\$ 235.00
Battery, Ni-Cad, 250 AH	29	EACH	\$250.00	\$ 7,250.00
Foundation, S-2	2	EACH	\$410.00	\$ 820.00
Enclosure, Shunt	4	EACH	\$588.00	\$ 2,352.00
Pre-Wired Aluminum Bungalow, 6X6'	1	EACH	\$13,450.00	\$ 13,450.00
Instrument Case, Aluminum, Post-Mount	1	EACH	\$1,200.00	\$ 1,200.00
Mounting Post	1	EACH	\$45.00	\$ 45.00
Wire, 2c/6, T10456	1000	FEET	\$0.59	\$ 590.00
Cable, 3c/6 TECK, T10458	1500	FEET	\$2.12	\$ 3,180.00
Cable, 5c/6, T10460	300	FEET	\$1.10	\$ 330.00
Cable, 7c/6,9c/14, T12481	300	FEET	\$3.70	\$ 1,110.00
				=======
SUBTOTAL MATERIAL				\$ 101,022.00

Exhibit B7, P.1

Page 2

Blue Island, IL

Est CSB-607

# LABOR:

# SIGNAL LABOR

<u>Item</u>	Gang Days	Cost/Day	Cost
5-man Gang	10	1200.00	\$ 12,000.00
SUBTOTAL SIGNAL LABOR			\$ 12,000.00

# MISCELLANEOUS LABOR

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Preliminary Engineering Construction Engineering Accounting	1 1 1	L.S. L.S. L.S.	\$2,500.00 \$275.00 \$300.00	\$ \$ \$	2,500.00 275.00 300.00
SUBTOTAL MISCELLANEOUS LA	ABOR			\$	3,075.00
TOTAL LABOR				\$	15,075.00

<u>Item</u>	Quantity	<u>Units</u>	Unit Cost		Cost
Per Diem/Business Expense Contractor/Rented Equipment Power Tap Contract-Crossing System Wiring Freight on Crossing Package Contract Engineering	1 1 1 1 1	L.S. L.S. L.S. L.S. L.S. L.S.	\$2,500.00 \$2,000.00 \$1,500.00 \$6,000.00 \$3,300.00 \$6,000.00	***	2,500.00 2,000.00 1,500.00 6,000.00 3,300.00 6,000.00
TOTAL OTHER  TOTAL DIRECT COSTS			. ,	\$	21,300.00 =================================

123rd Street		Page 3
Blue Island, IŁ		Est CSB-607
FAPG ADDITIVES		
Material Material Additive ( 4.20%)	\$ 101,022.00	\$ 4,242.92
Signal Labor Signal Labor Additive ( 89.34%)	\$ 12,000.00	\$ 10,720.80
Engineering Labor Engineering Labor Additive ( 83.29%)	\$ 2,775.00	\$ 2,311.30
Accounting Labor Additive ( 74.34%)	\$ 300.00	\$ 223.02
Other	\$ 21,300.00	
TOTAL DIRECT COSTS TOTAL FAPG ADDITIVES	\$ 137,397.00	\$ 17,498.04
GRAND TOTAL FAPG BASIS		\$ 154,895.04

# ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION PROJECT STATUS REPORT:

TYPE: (CHECK ONE)		
PROGRESS		
COMPLETION*	DATE	

## **PROJECT INFORMATION:**

Reporting Party:	Grand Trunk Western Railroad, Inc.	
Docket/Order #; Date:		
Status Reports Due:		
Ordered Completion Date:		
Completion Report Due1.		

STREET	AAR/DOT#	MILEPOST	MUNICIPALITY	COUNTY
87 <sup>th</sup> Street	283147F	13.31-M	City of Chicago	Cook
91 <sup>st</sup> Street	283148M	13.86-M	Village of Evergreen Park	Cook
99 <sup>th</sup> Street	283152C	15.03-M	Village of Evergreen Park	Cook
103 <sup>rd</sup> Street	283153J	15.53-M	City of Chicago	Cook
115 <sup>th</sup> Street	283155X	17.04-M	Village of Merrionette Park	Cook
119 <sup>th</sup> Street	283156E	17.54-M	Village of Merrionette Park	Cook
123 <sup>rd</sup> Street	283157L	18.05-M	City of Blue Island	Cook

<sup>&</sup>lt;sup>1</sup>Completion reports involving changes to the railroad crossing must include an updated USDOT Inventory Form.

## PROJECT MANAGER INFORMATION2:

Name:	Arne Skrodal
Title:	Engineer - Signal Planning
Representing:	Canadian National
Street Address:	17641 South Ashland Avenue
City, State, Zip:	Homewood, Illinois 60430
Office Phone:	(708) 332-3271
Office Fax:	(708) 332-3514
Cellular Phone:	
E-Mail Address:	Arne.Skrodal@cn.ca

<sup>&</sup>lt;sup>2</sup>Project Manager Information to be submitted by Roadway Authority and Railroad Company

# **DESCRIPTION OF IMPROVEMENT(S) ORDERED:**

• Installation of automatic flashing light signals and gates, CWT

## **STATUS OF WORK:**

# **ILLINOIS COMMERCE COMMISSION** TRANSPORTATION DIVISION / RAIL SAFETY SECTION

Mail directed to the Rail Safety Section or the Director of Processing and Information, Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission 527 East Capitol Avenue Springfield, IL 62701-1827

If you have questions contact:

Joe Von De Bur, Rail Safety Specialist

Phone: (217) 557-1286

Email:

jvondebu@icc.illinois.gov

A Form 3 can be obtained from the Illinois Commerce Commission by calling 217/782-7660 or on the web at:

http://www.icc.illinois.gov/hg/library.aspx?key=Railroad%20Safety

United States Department of Transportation Inventory Form #6180.71 can be obtained on the web at:

http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp

Submit Inventory forms to:

Federal Railroad Administration		Chief of Data Services
Office of Safety	And	Illinois Department of Transportation
1120 Vermont Avenue, NW		2300 S. Dirksen Parkway
Washington, DC 20590		Springfield, IL 62764

The state of the s